$$0.15 = C$$
 $t = 15,299.14$ geors old

 $t = 15,299.14$ geors old

 $t = \frac{\ln(0.15)}{-0.000124}$
 $t = 15,299.4$

Compound Interest

A =
$$Pe^{nt}$$
 Continuous

A = $P(1+\frac{\pi}{n})^{nt}$ is compounding periods per t.

Ex.

$$P=24$$
 $r=8\%$
 $r=8\%$
 $r=391$
 $r=391$
 $r=4$
 $r=4$

Ex. 60 100%
$$\frac{1}{59}$$
 $\frac{50\%}{50\%}$ $\frac{1}{2}$ $\frac{1}{n=0}$ $\frac{1}{2^{n+1}}$ 57 12.5% $\frac{1}{3^2}$ $\frac{1}{n=2}$ $\frac{1}{2^{n+1}}$ 56 6.25% 55 3.125%

